

FIG.1

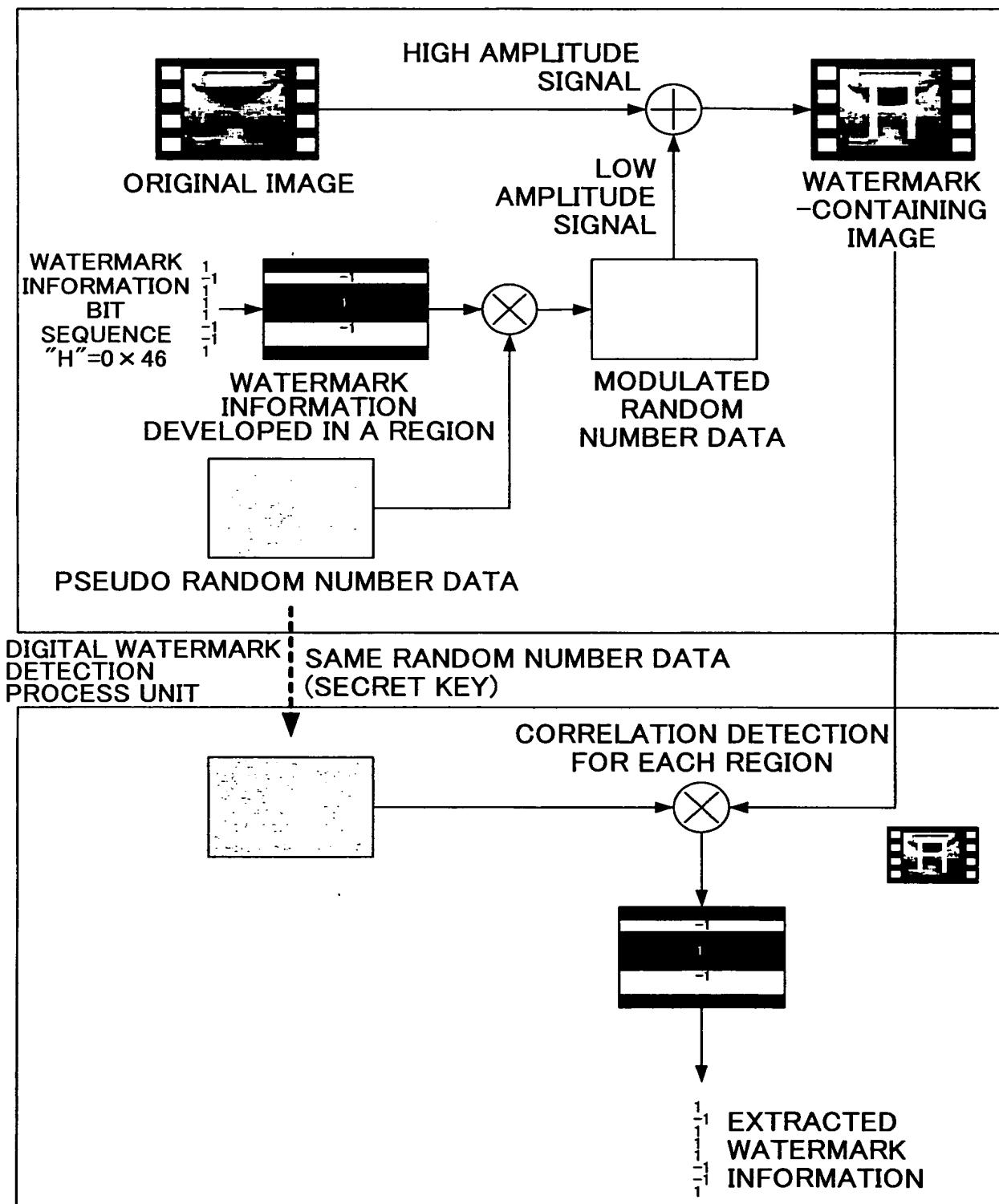
DIGITAL WATERMARK
ADDING PROCESS UNIT

FIG.2

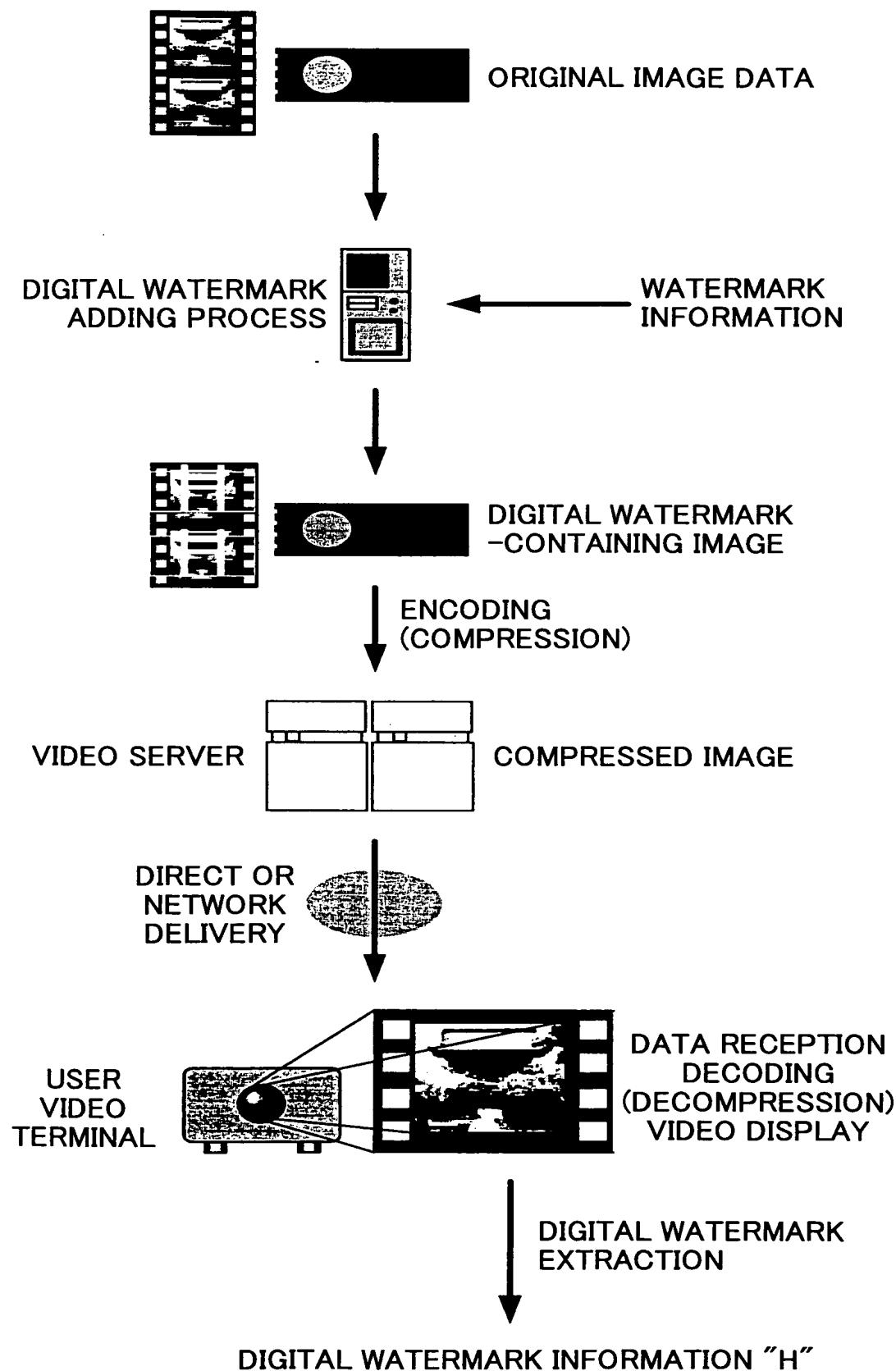


FIG.3

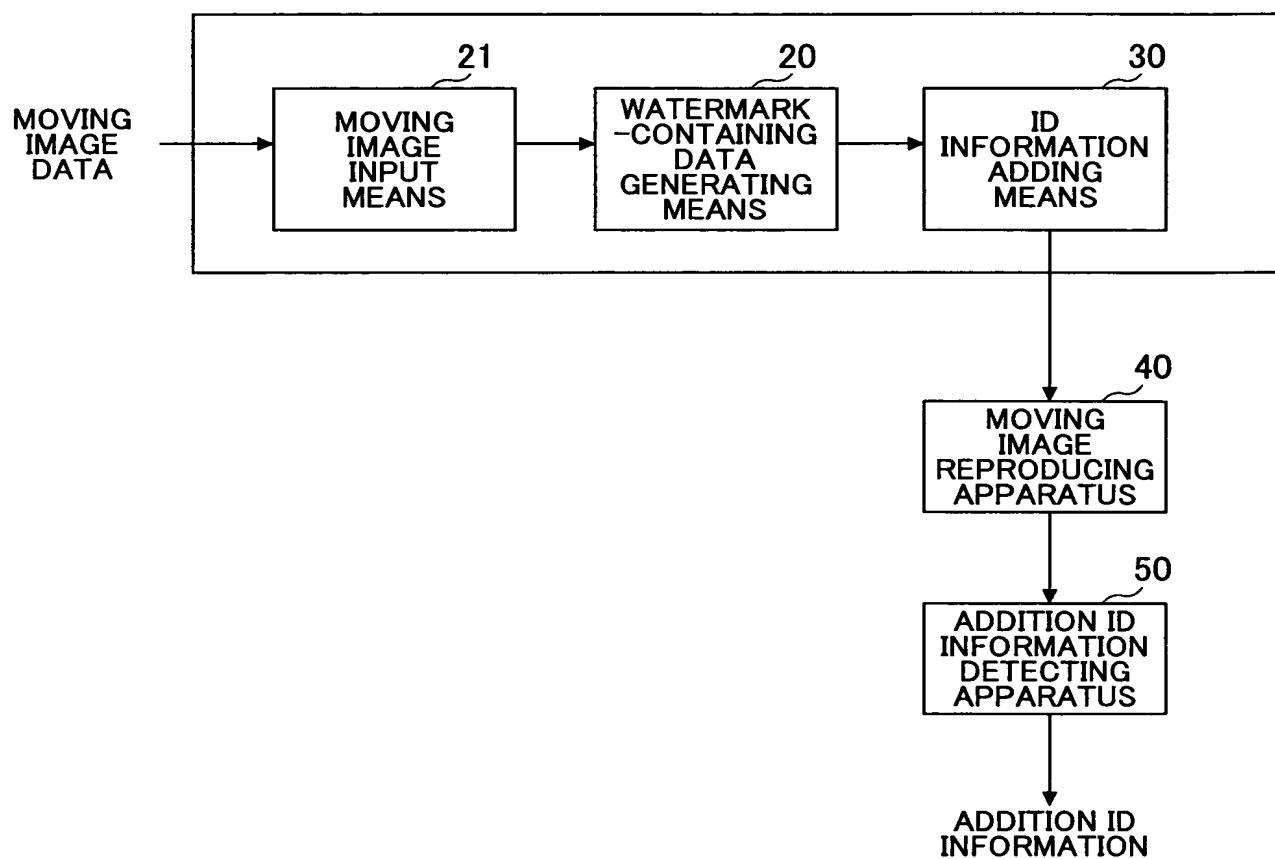


FIG.4

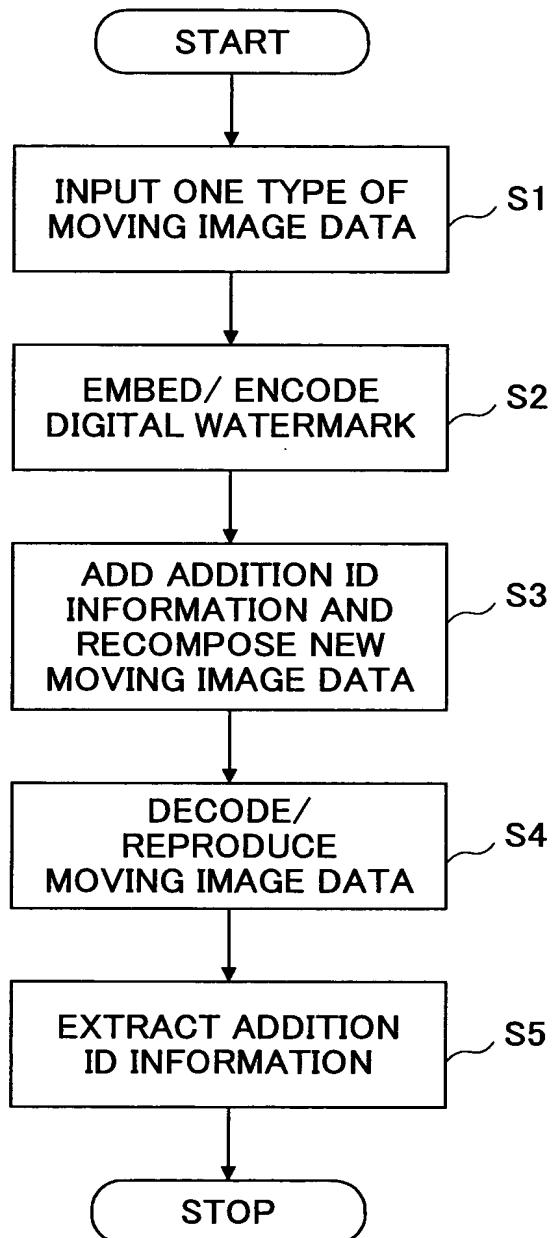


FIG.5

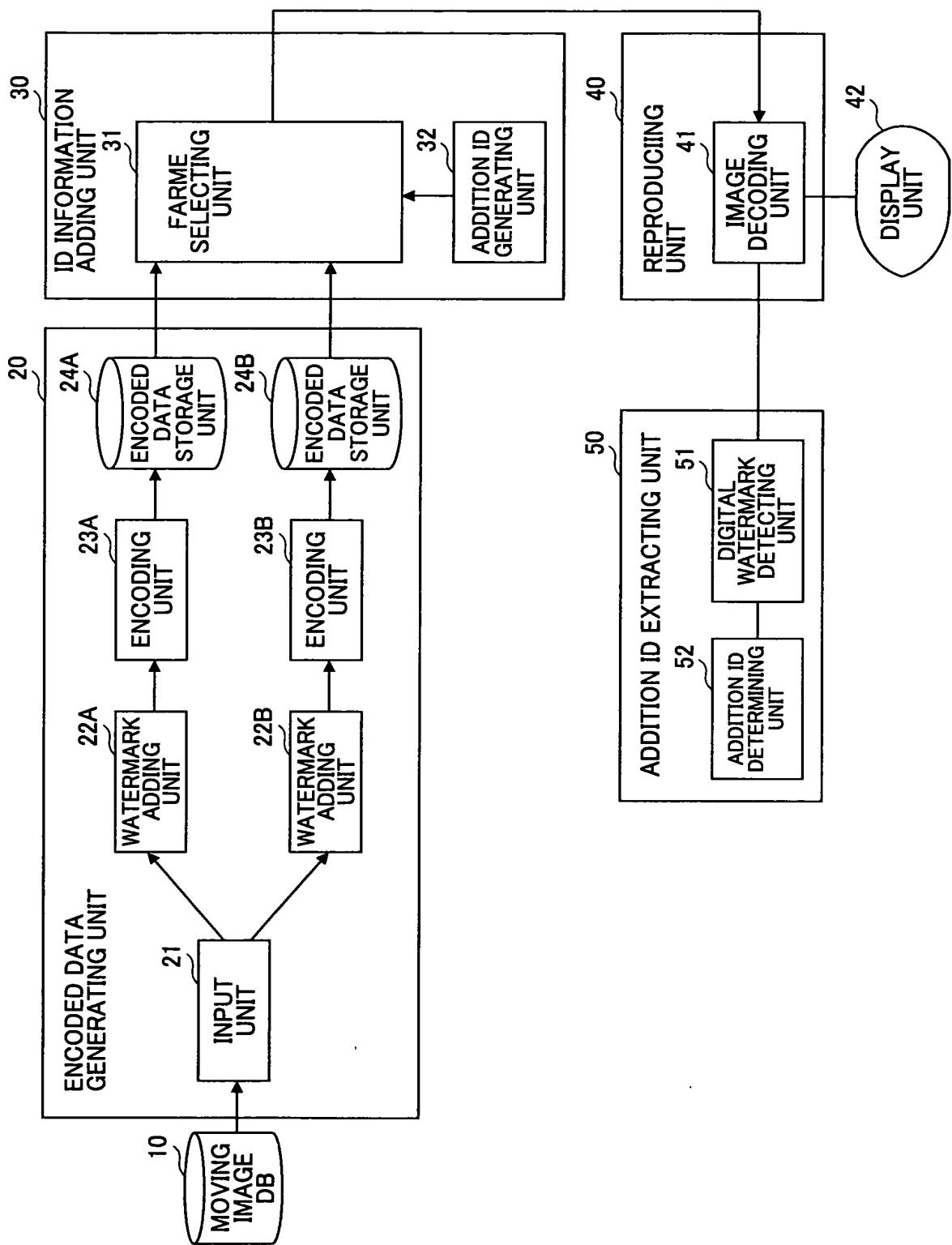


FIG. 6

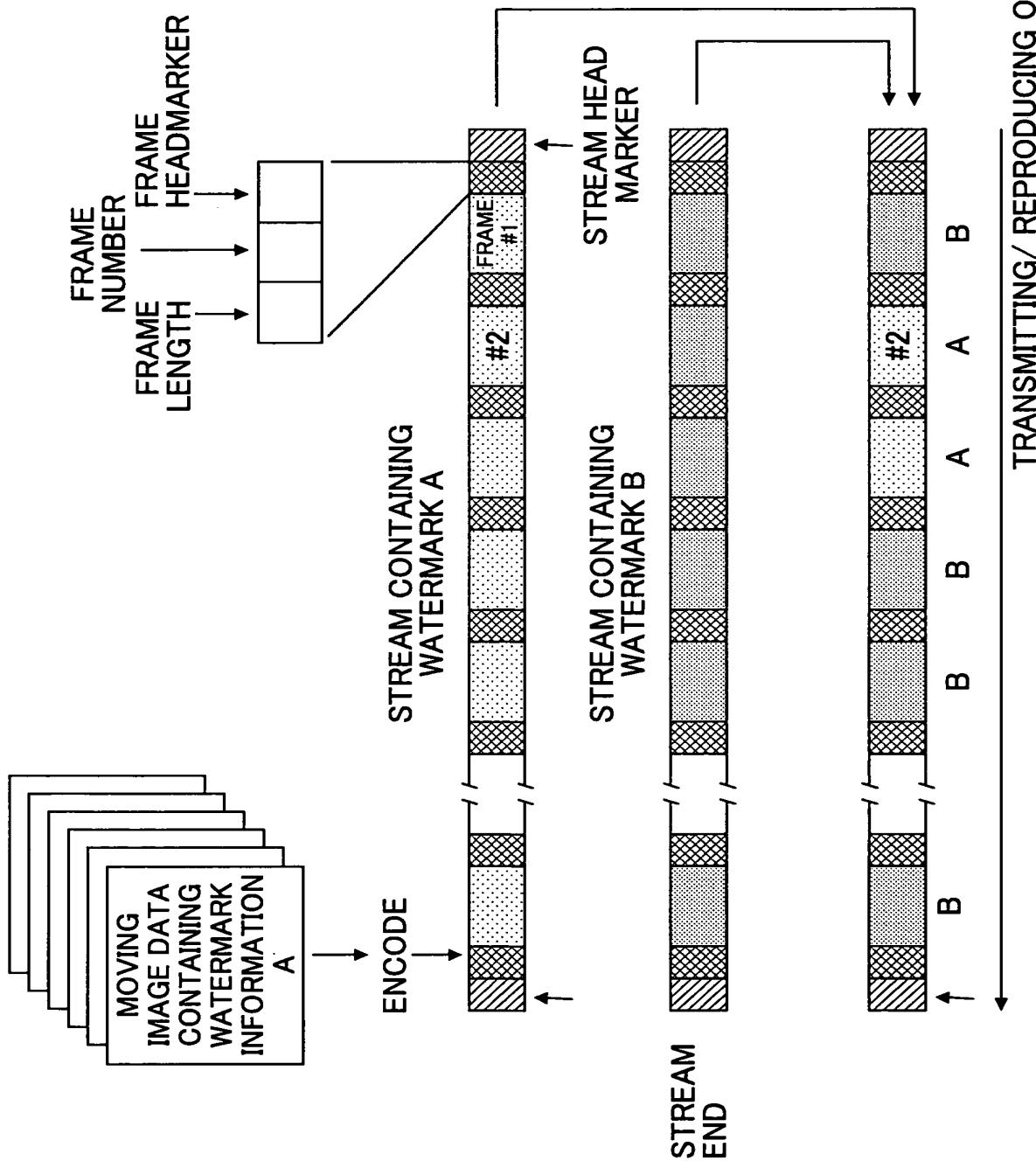


FIG.7

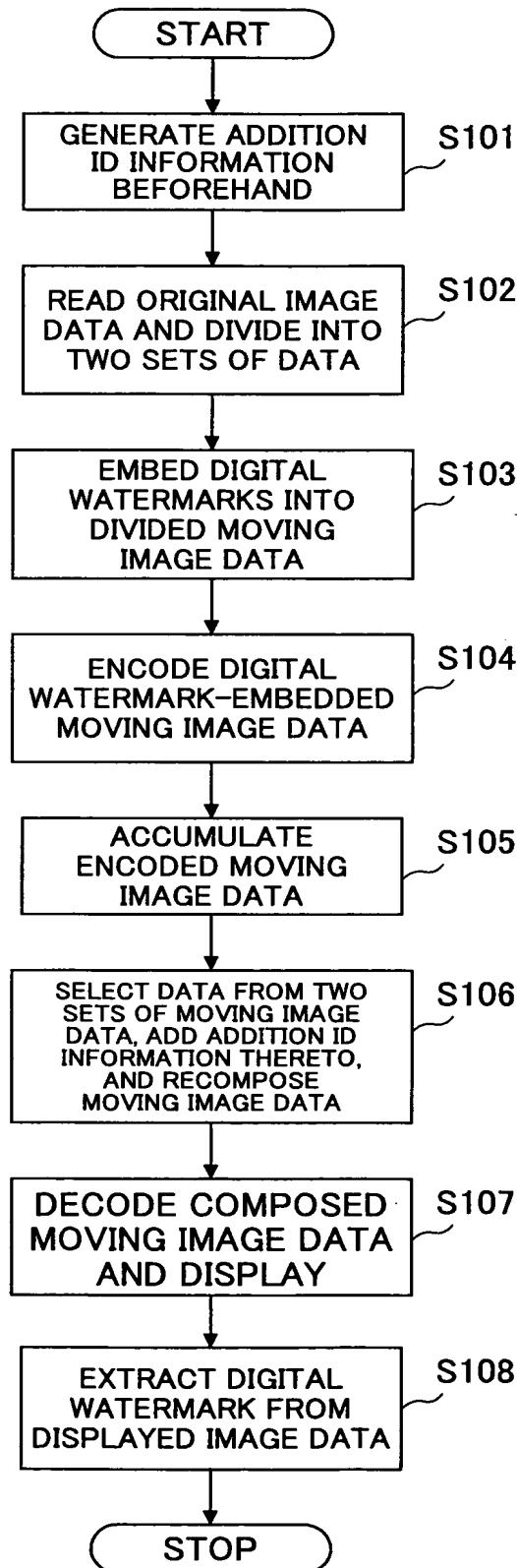


FIG.8

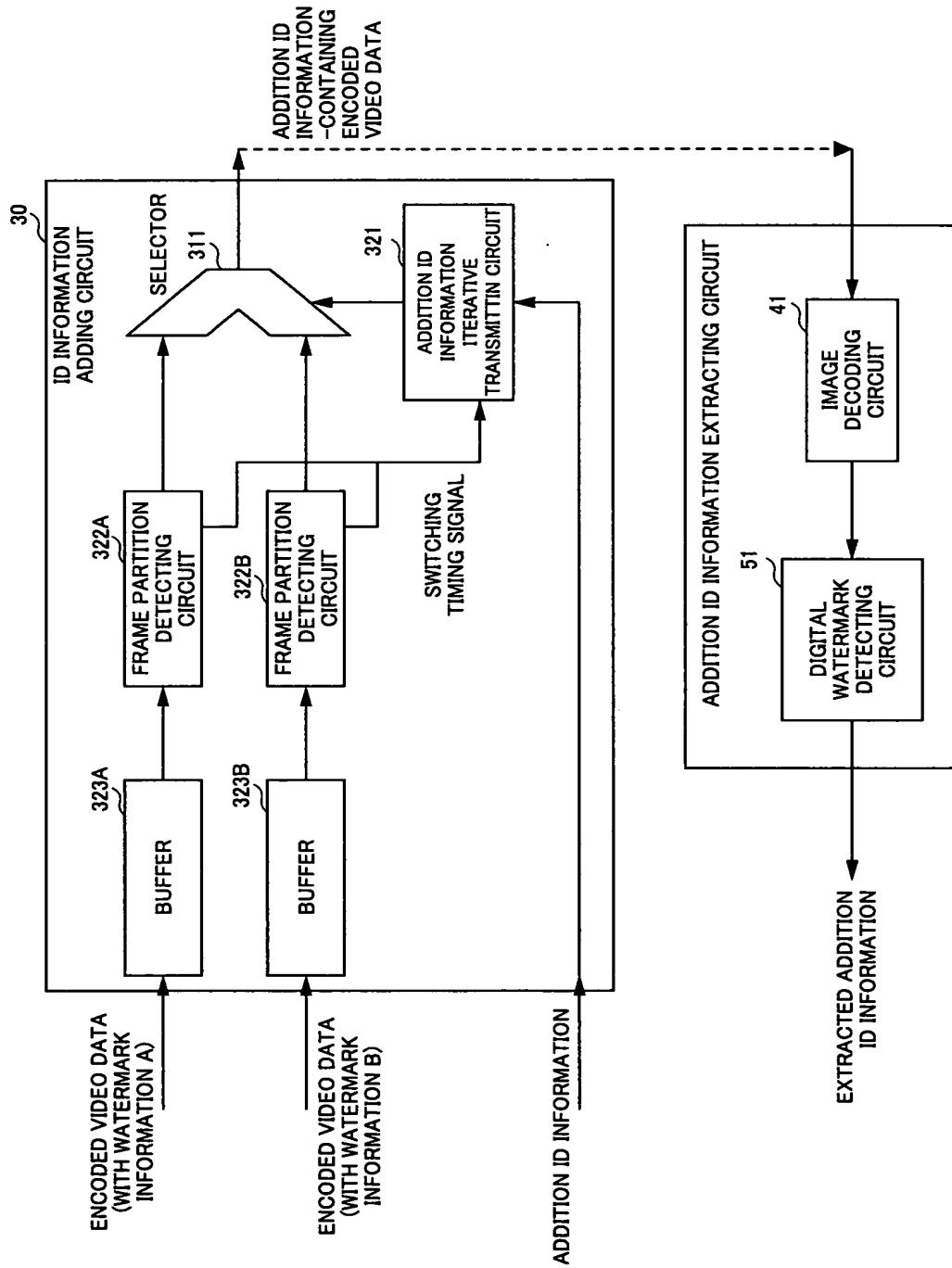


FIG.9

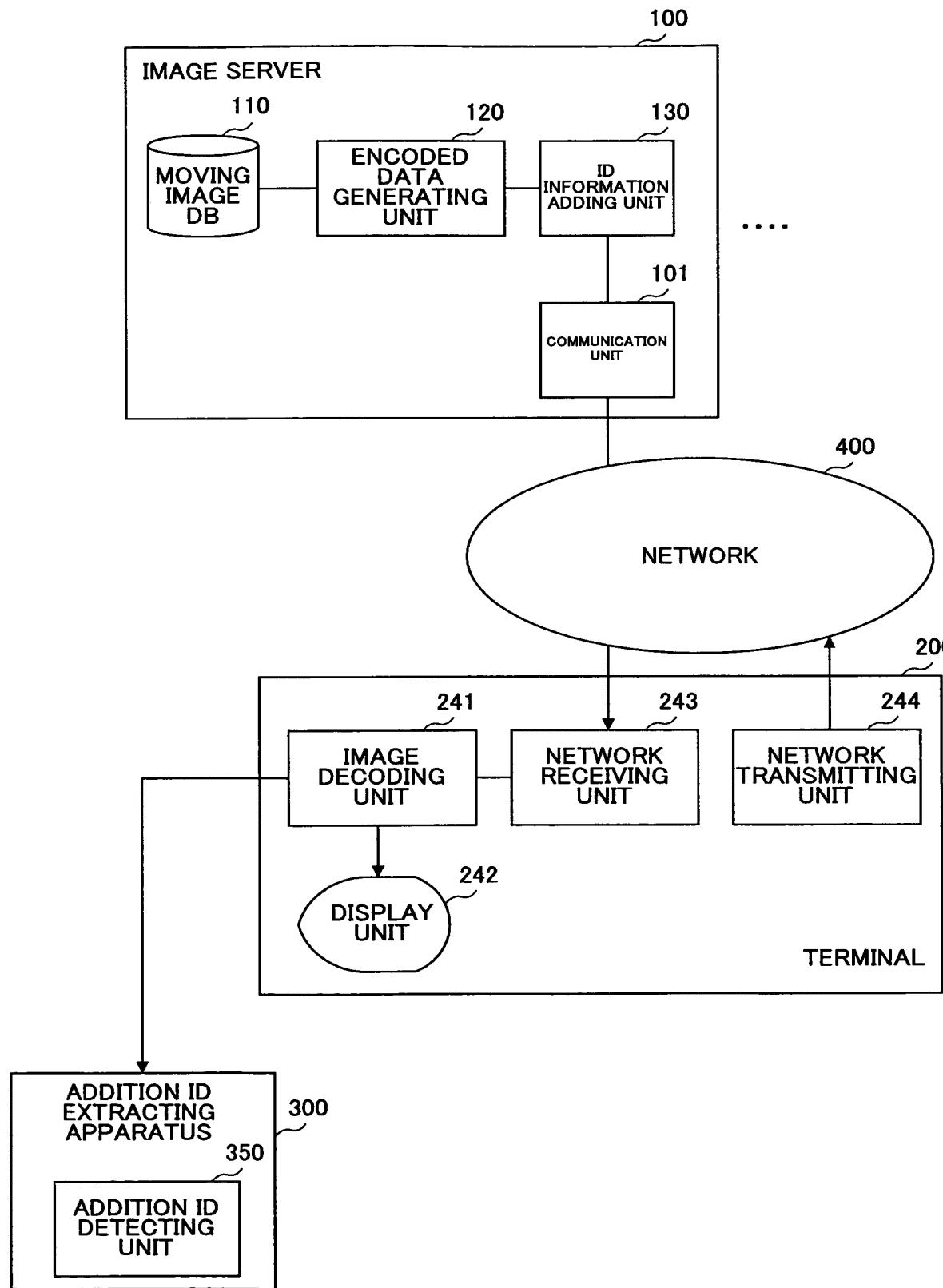


FIG.10

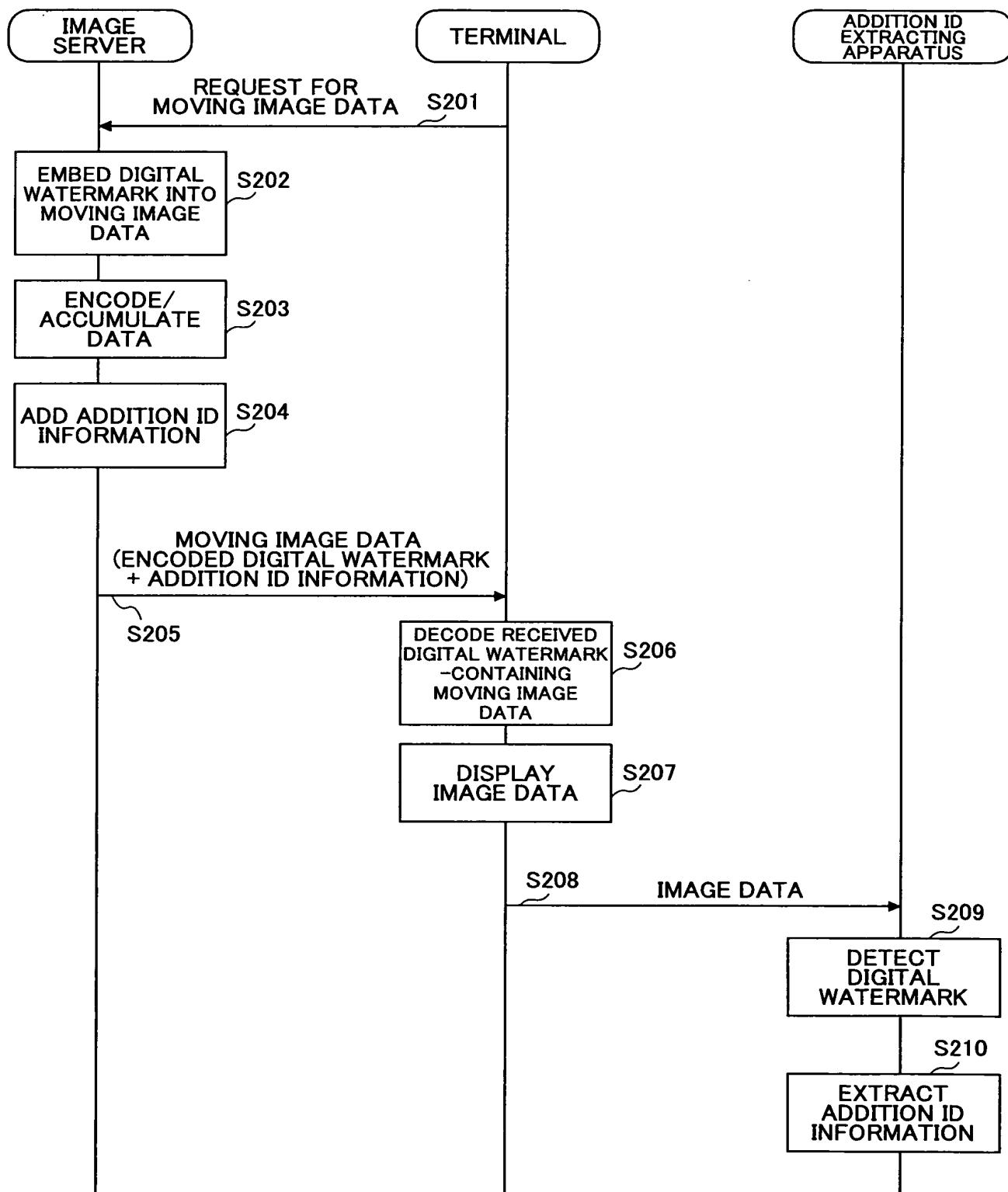


FIG.11

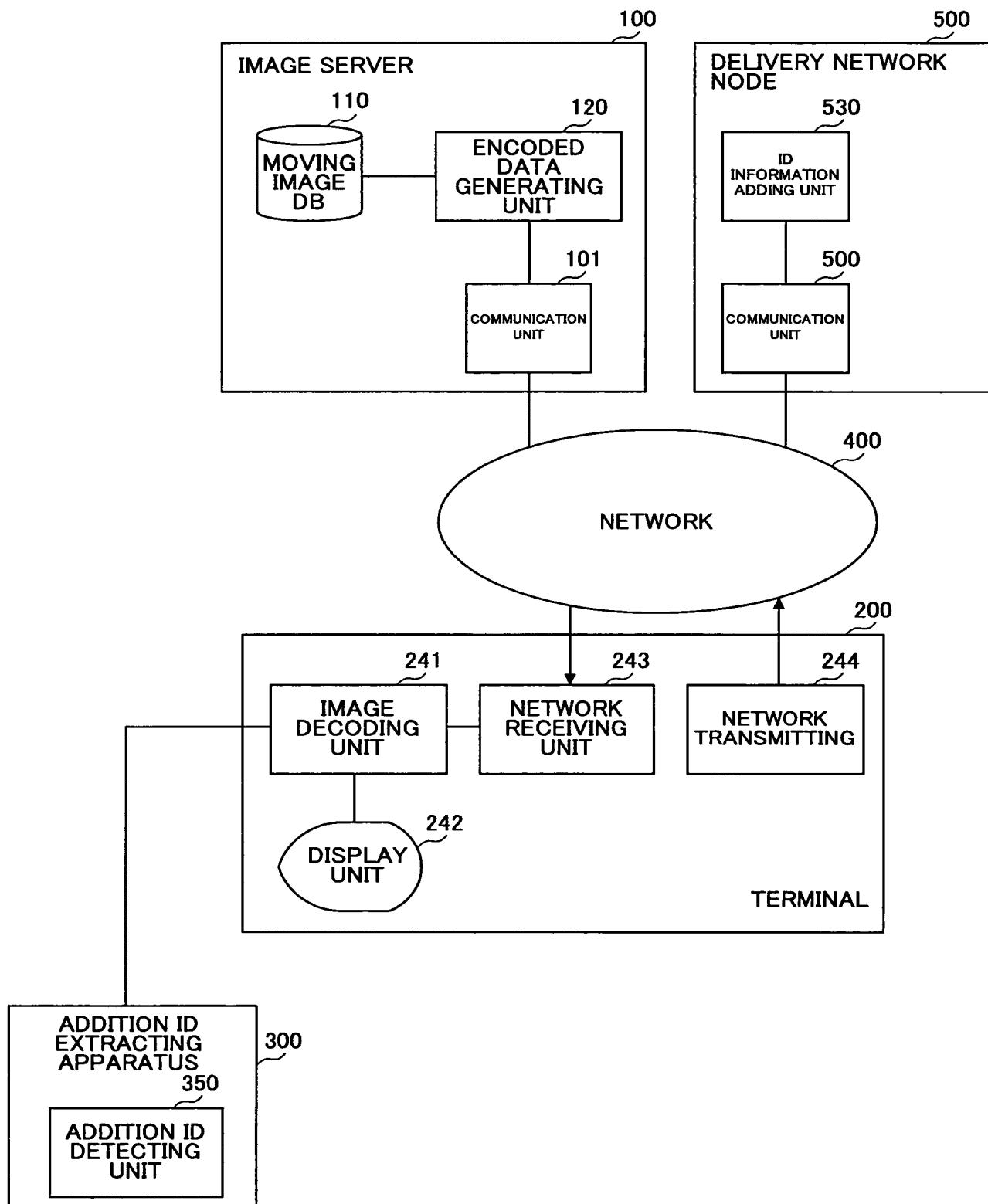


FIG.12

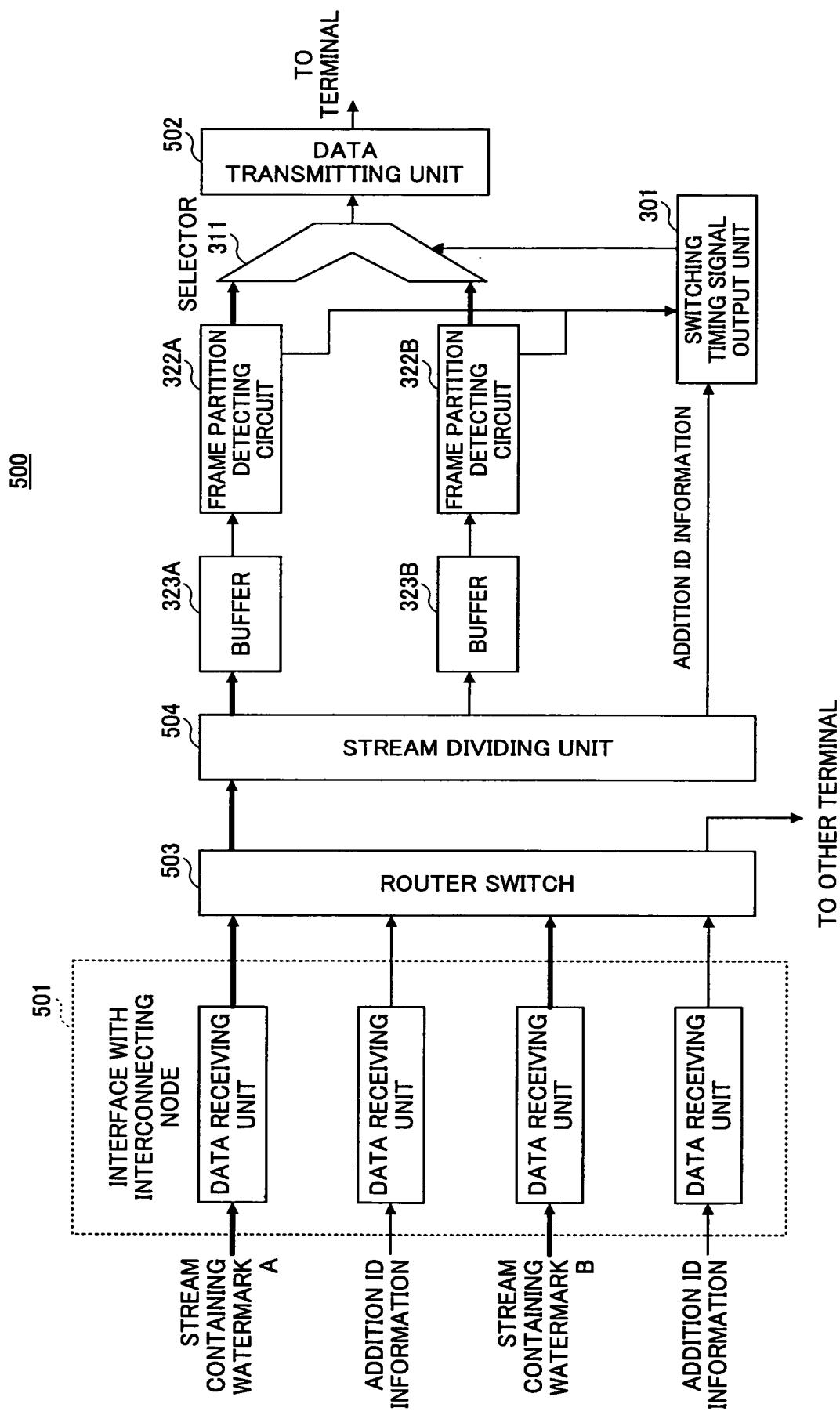


FIG.13

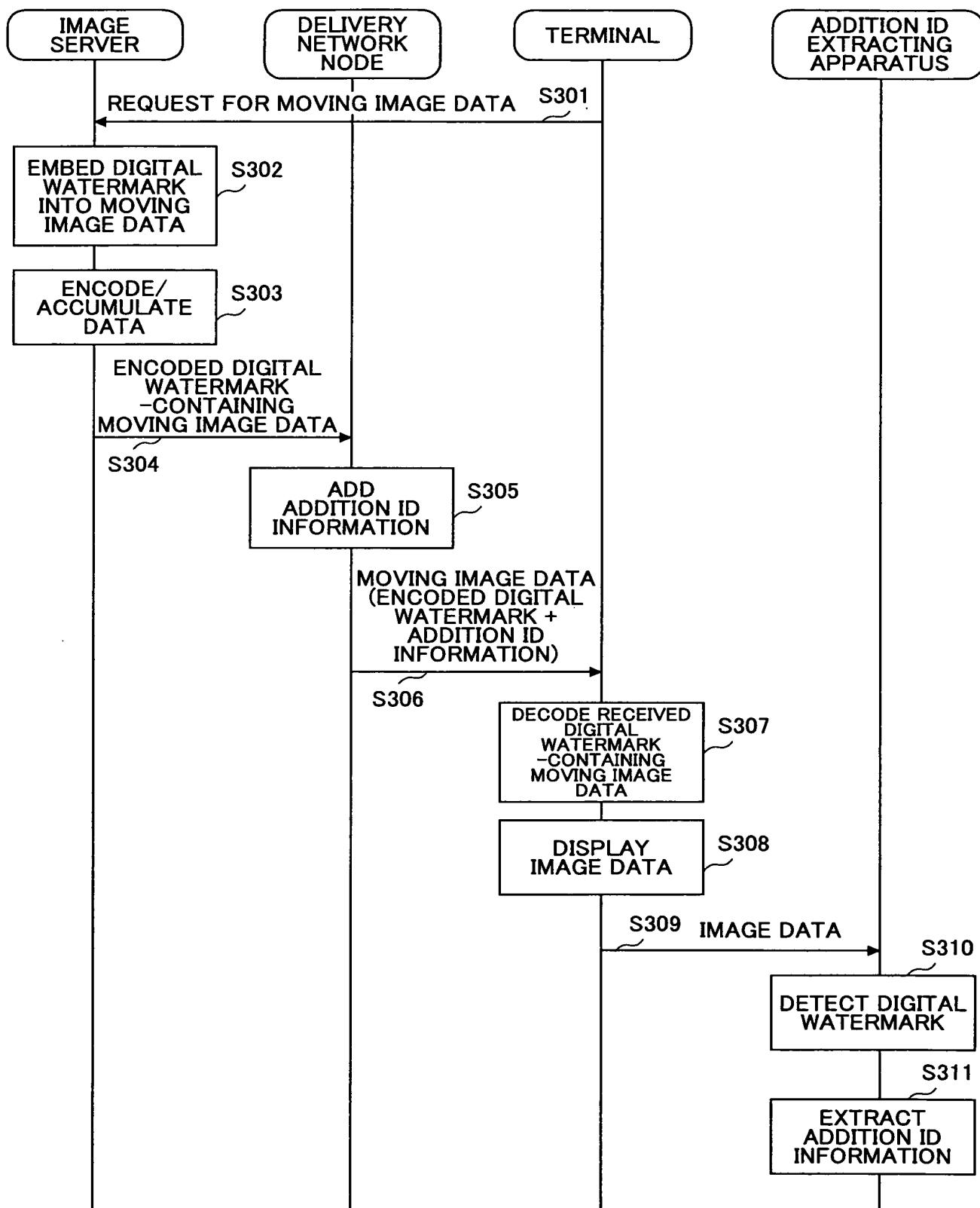
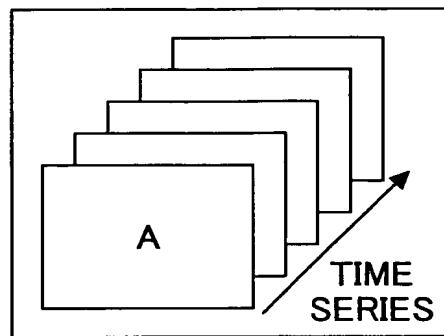
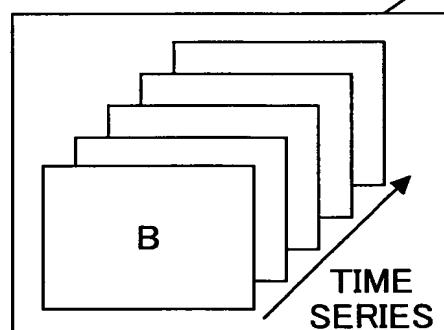


FIG.14

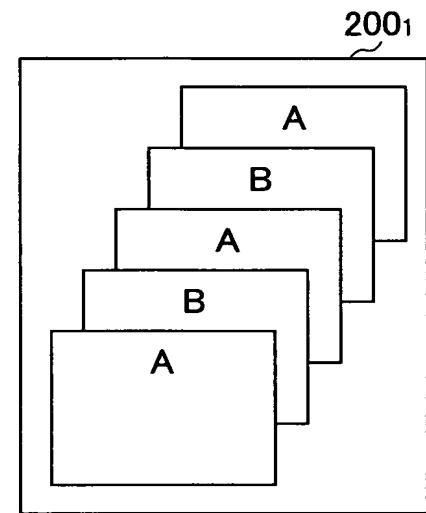
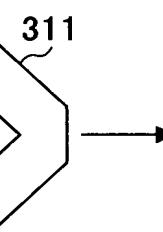
MOVING IMAGE DATA #1
(WATERMARK INFORMATION "A")



ADDITION ID
INFORMATION
"01010"



MOVING IMAGE DATA #2
(WATERMARK INFORMATION "B")



USER TERMINAL
RECEIVED DATA EXAMPLE

FIG. 15

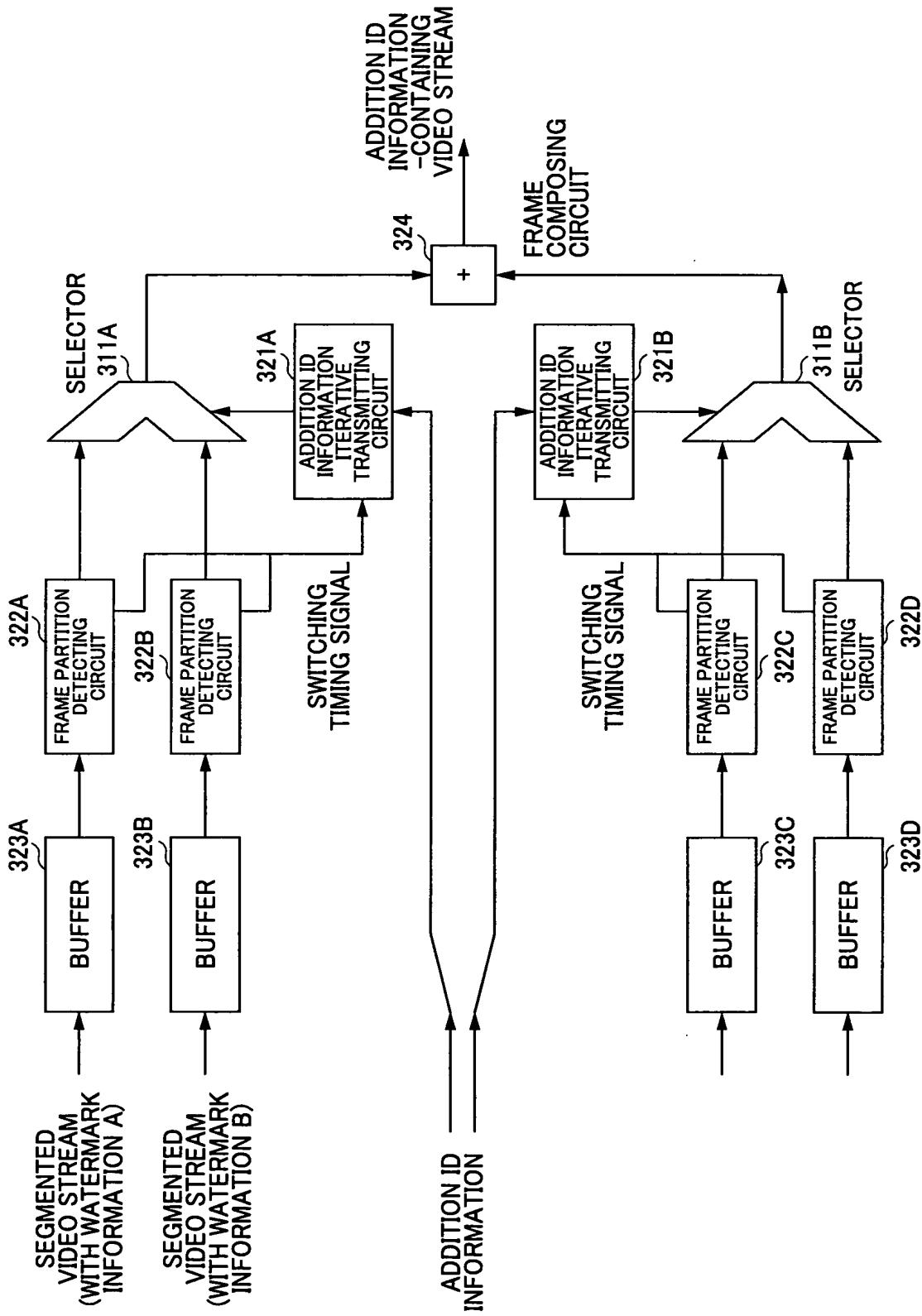


FIG.16

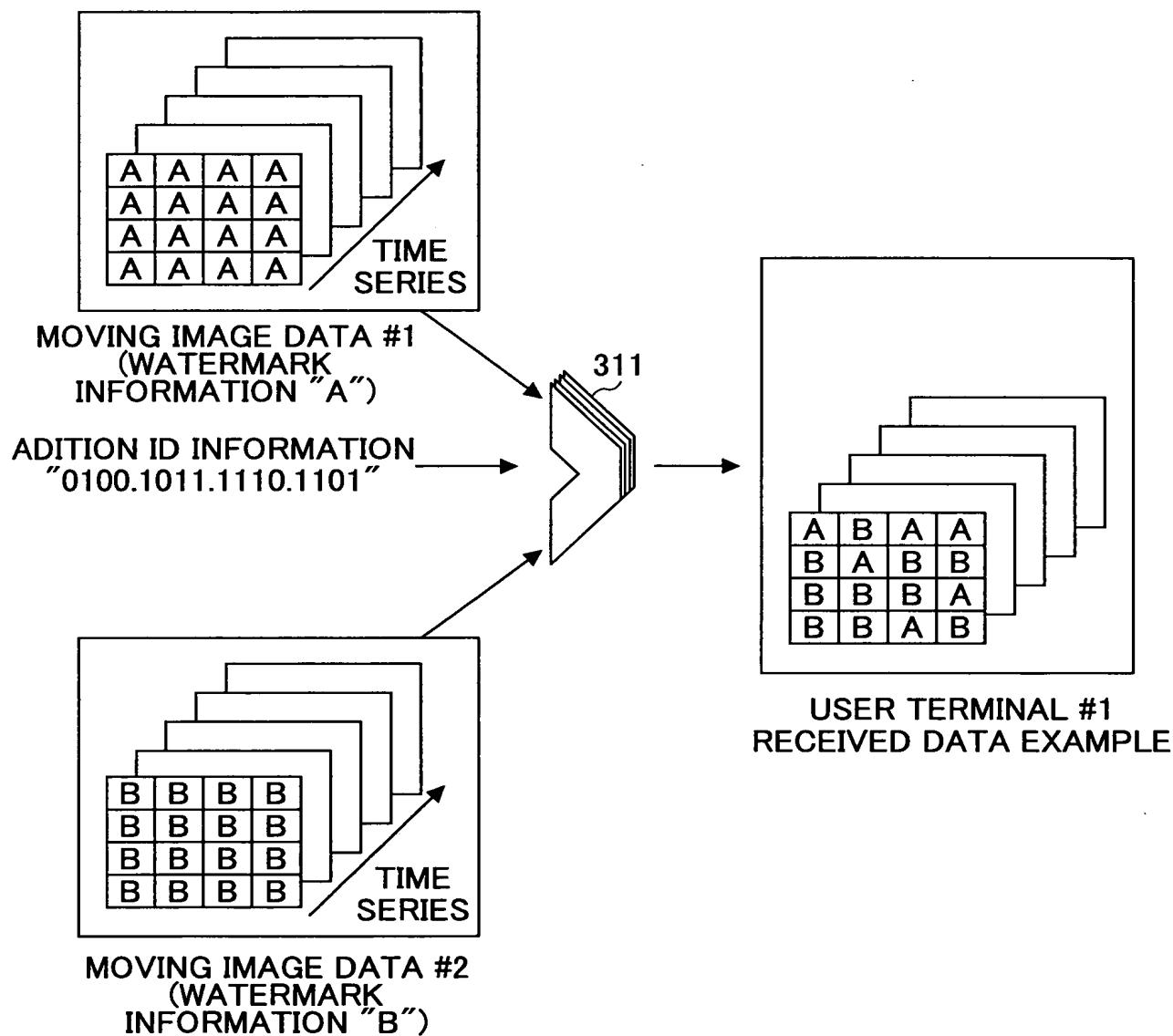


FIG. 17

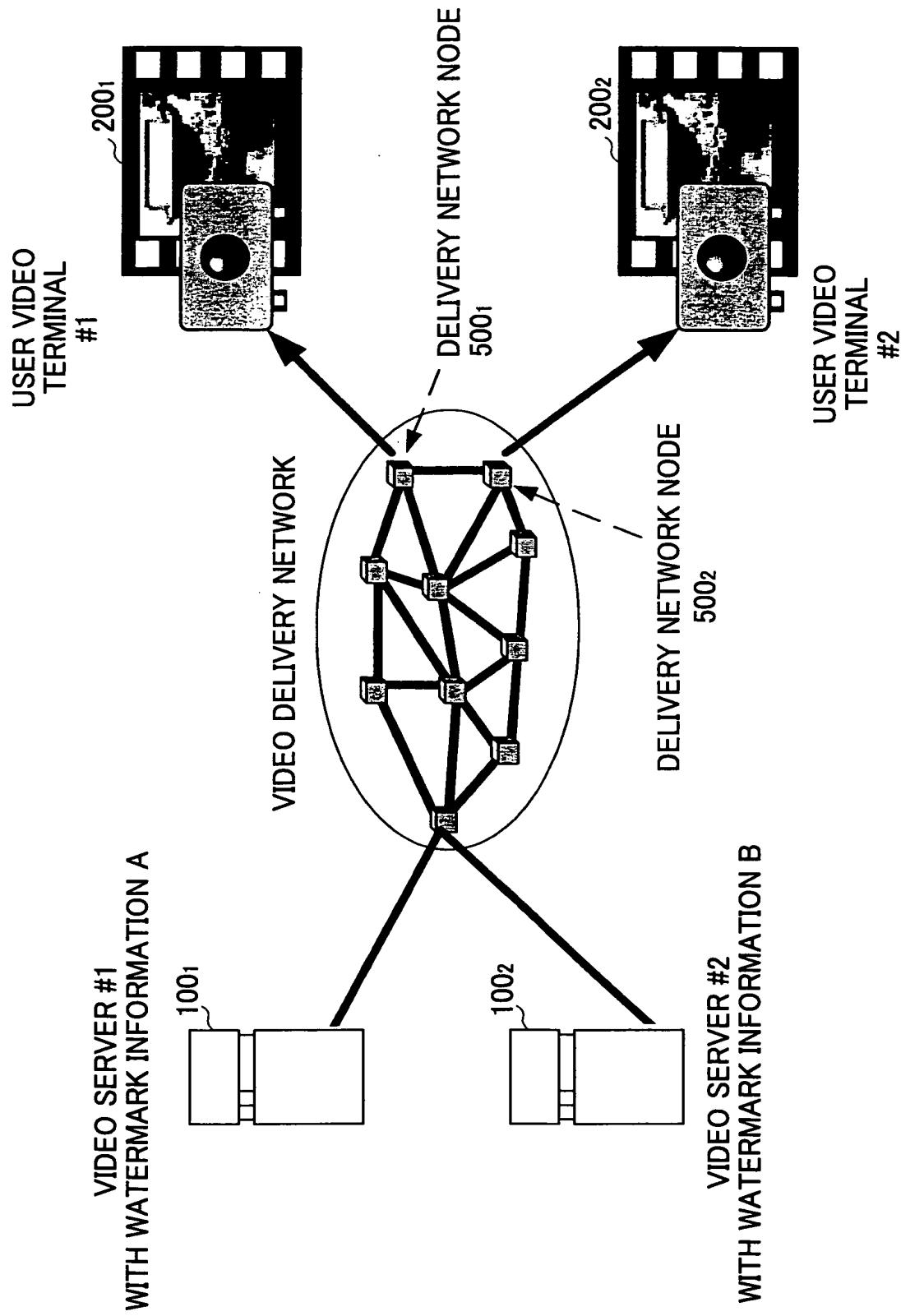


FIG. 18

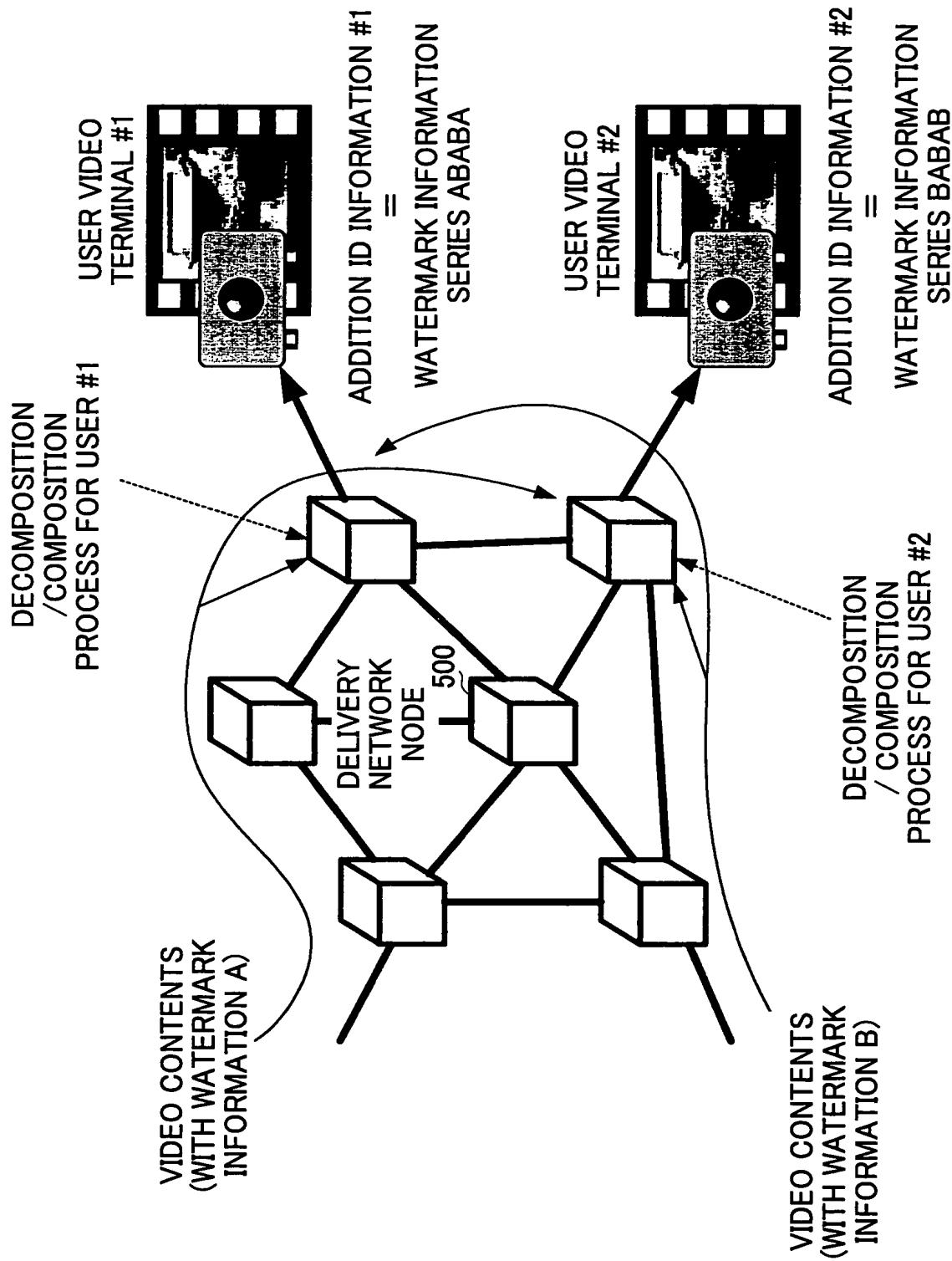


FIG.19

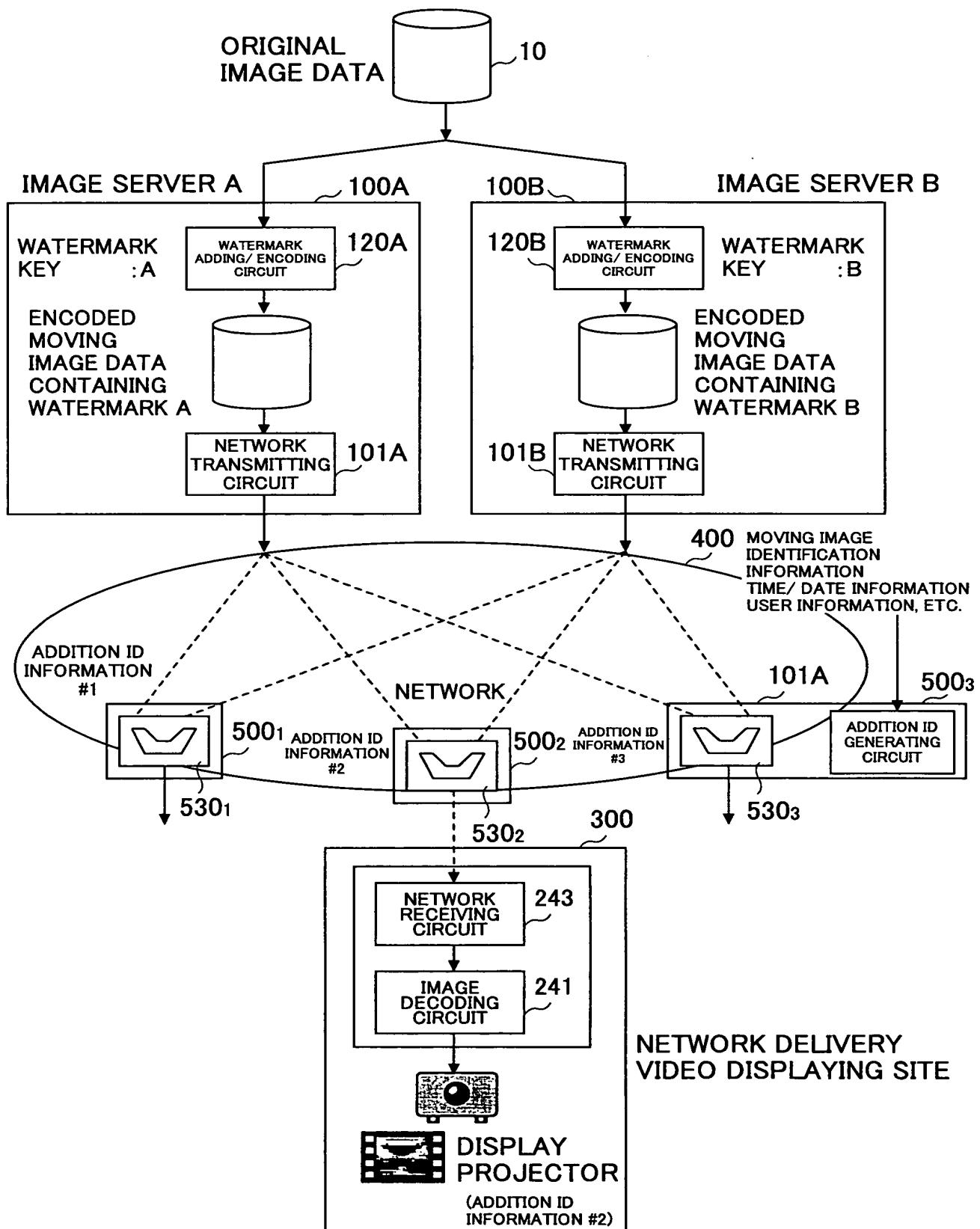


FIG.20

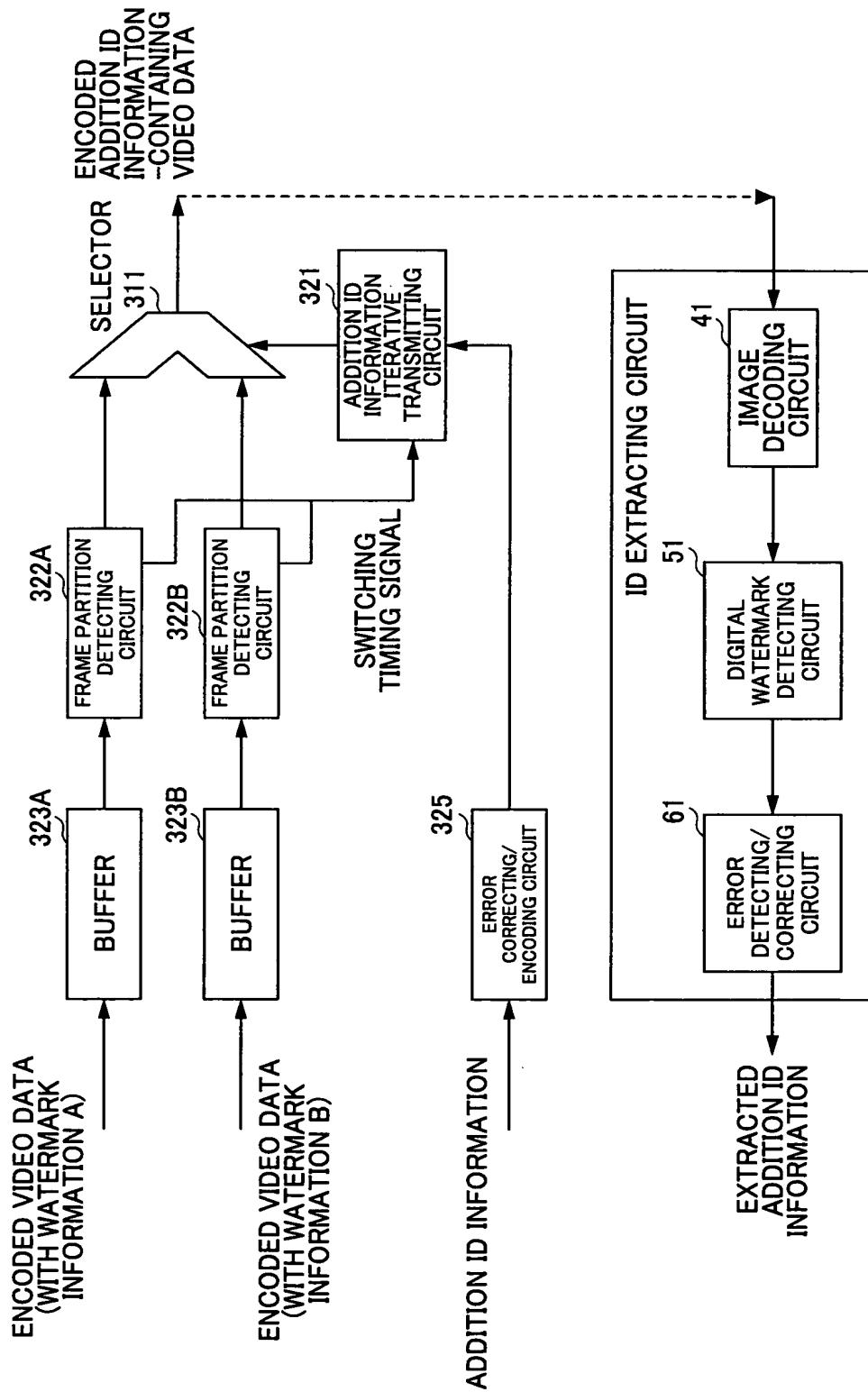
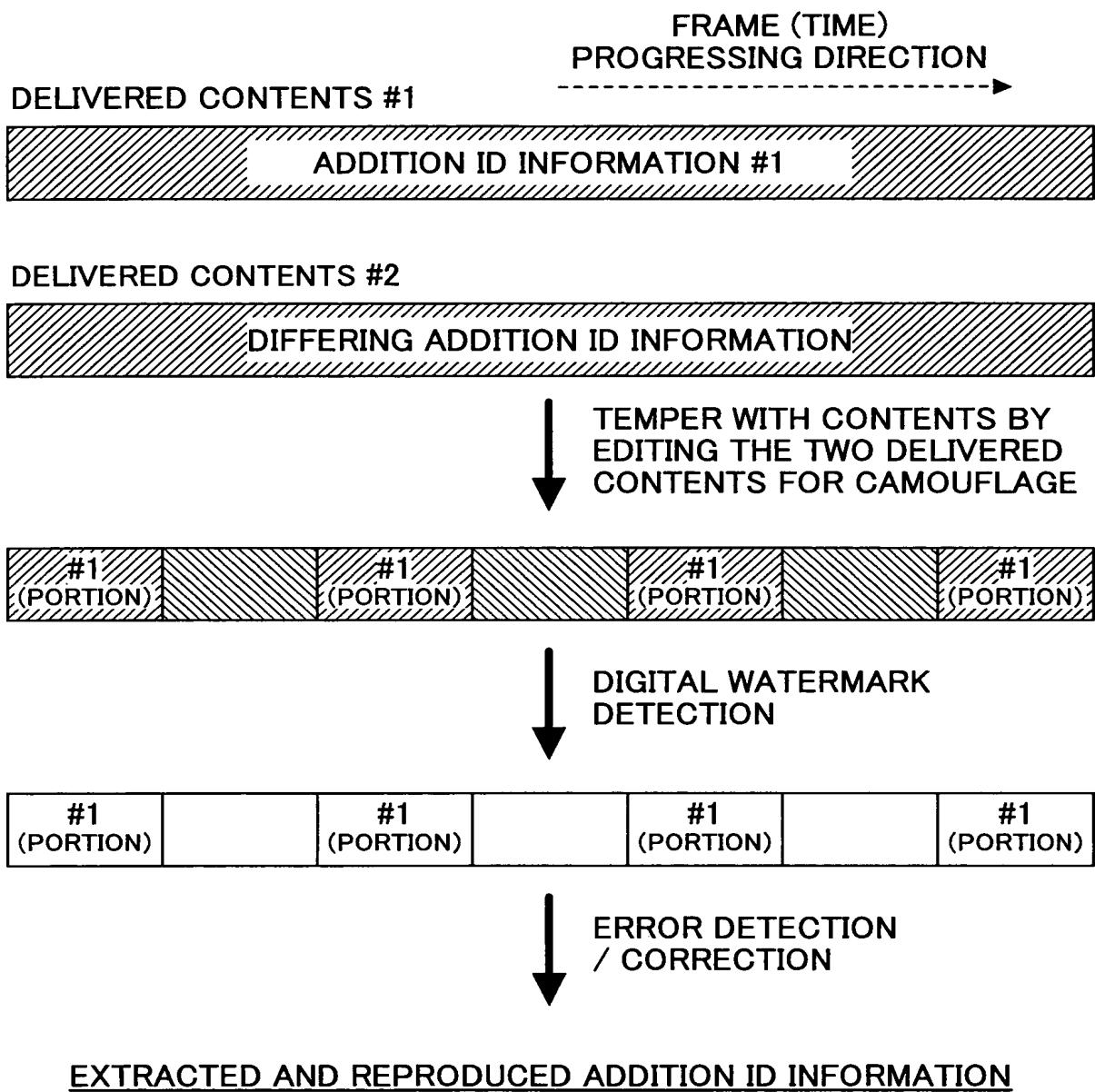


FIG.21

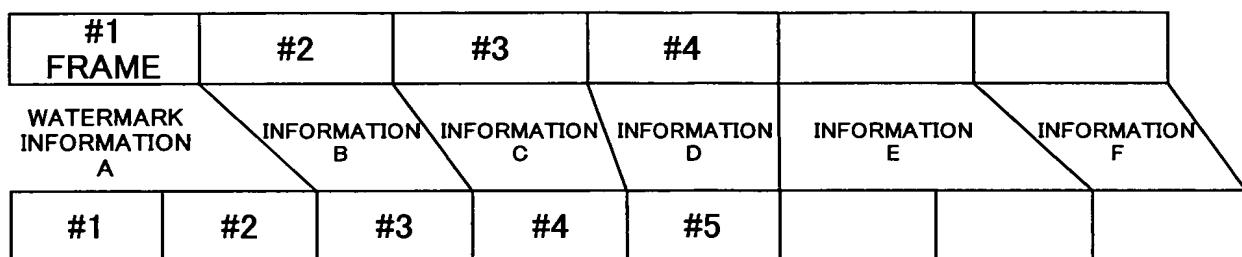


10/16/2004 4:52

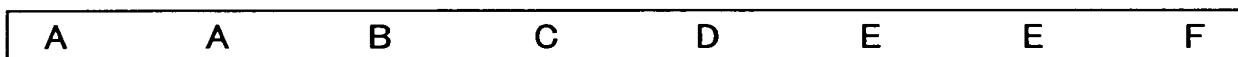
FIG.22

2:3 PULL-DOWN CONVERSION OF
CONTENTS DELIVERED 24 FRAME/ SEC
TO 30 FRAMES/ SEC

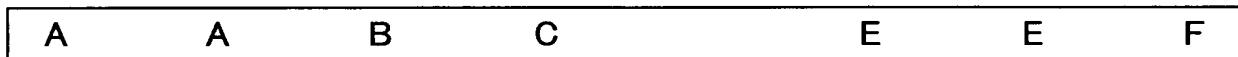
FRAME (TIME)
PROCESSING DIRECTION →



DIGITAL WATERMARK DETECTION



FRAME RATE INVERSE CONVERSION
(EXTRACT 4 SAMPLES
OUT OF 5 SAMPLES)



ERROR DETECTION/ CORRECTION

EXTRACTED AND REPRODUCE ADDITION ID INFORMATION